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IN RE PATENT APPLICATION OF:

FISCHER

TITLE: **ADAPTIVE INTERFERENCE CANCELLATION FOR ADSL**

January 29, 2002

SUBMISSION OF FORMAL DRAWINGS

Director of the US Patent & Trademark Office
Washington, DC 20231

Sir:

Please accept the herewith 10 sheets of formal drawings on A4 size paper of Figures 1 through 12, which are in lieu of the informal drawings filed earlier.

Respectfully submitted,

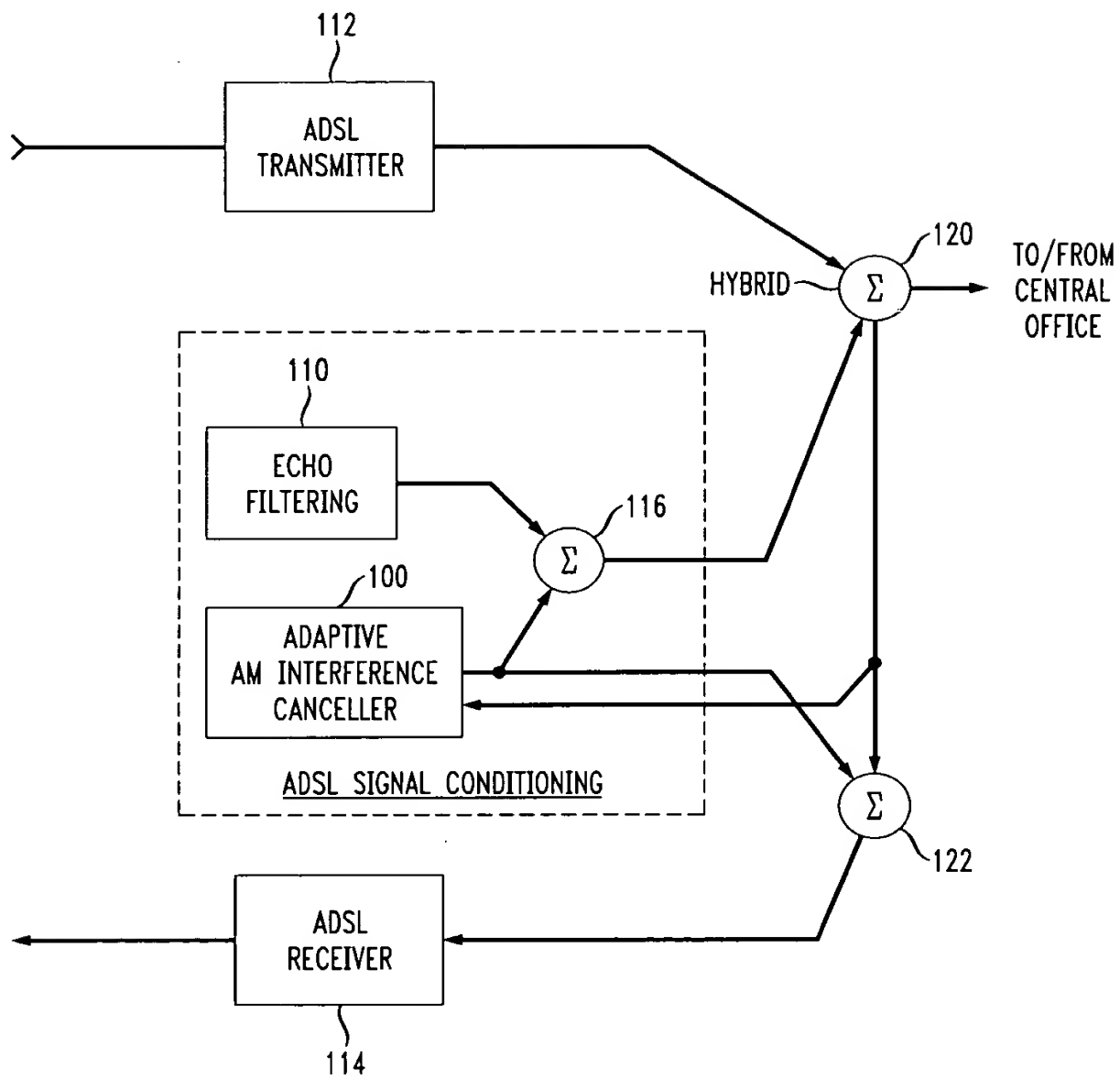
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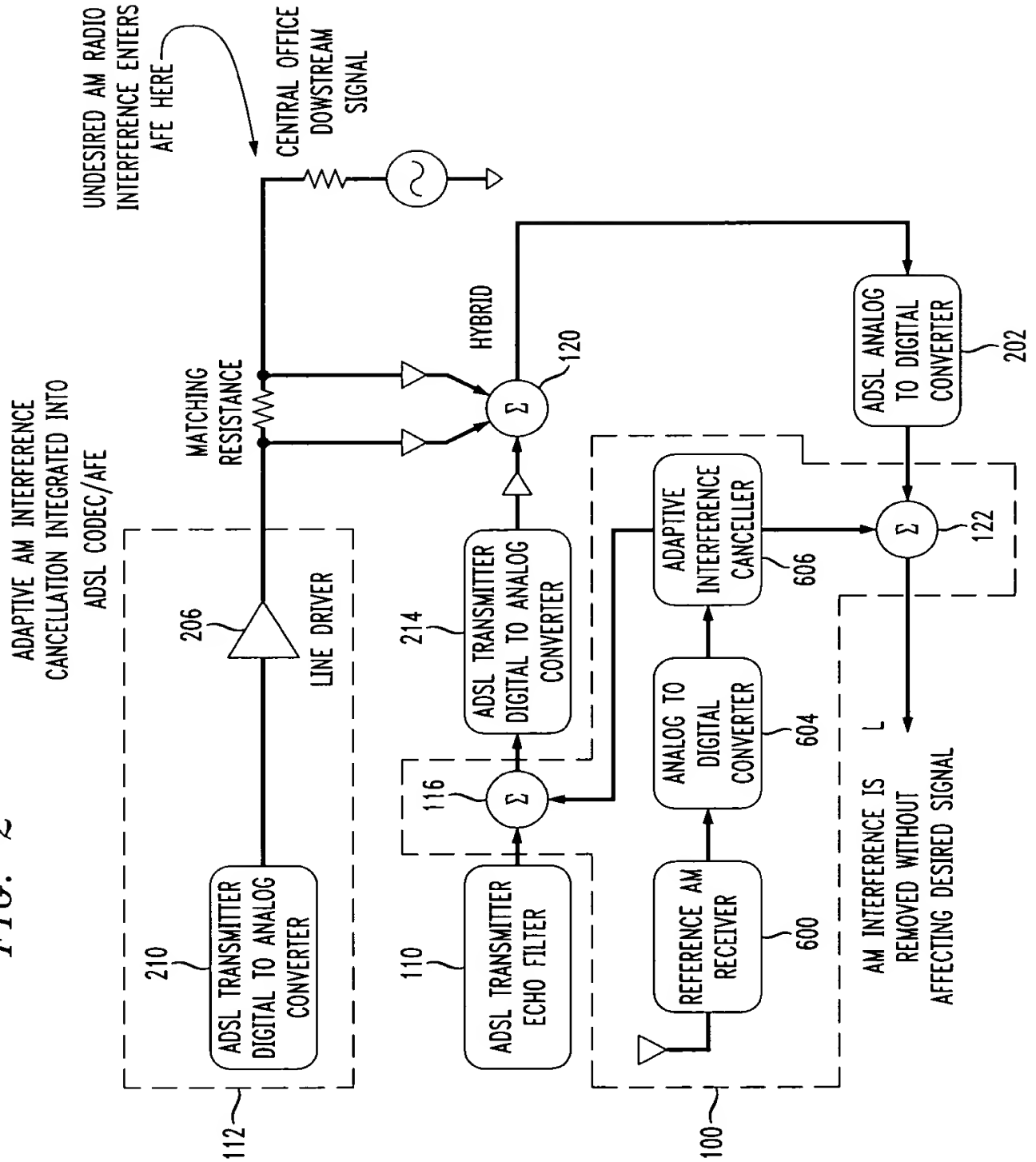
FIG. 1



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FIG. 2



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FIG. 3
AM RADIO CARRIER & SIDEBANDS ADAPTIVE
INTERFERENCE CANCELLATION

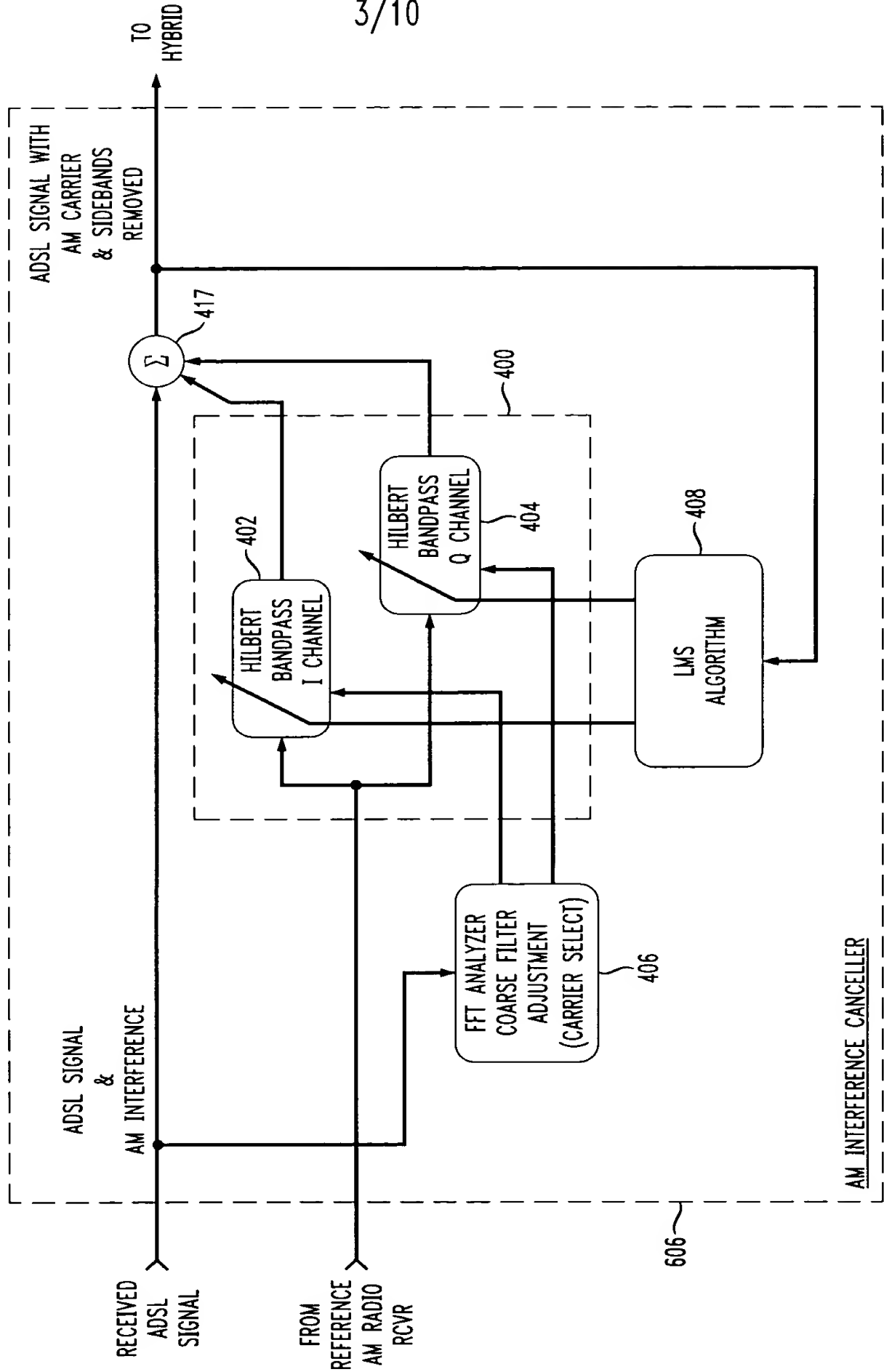


FIG. 4

CARRIER ONLY ADAPTIVE
INTERFERENCE CANCELLATION

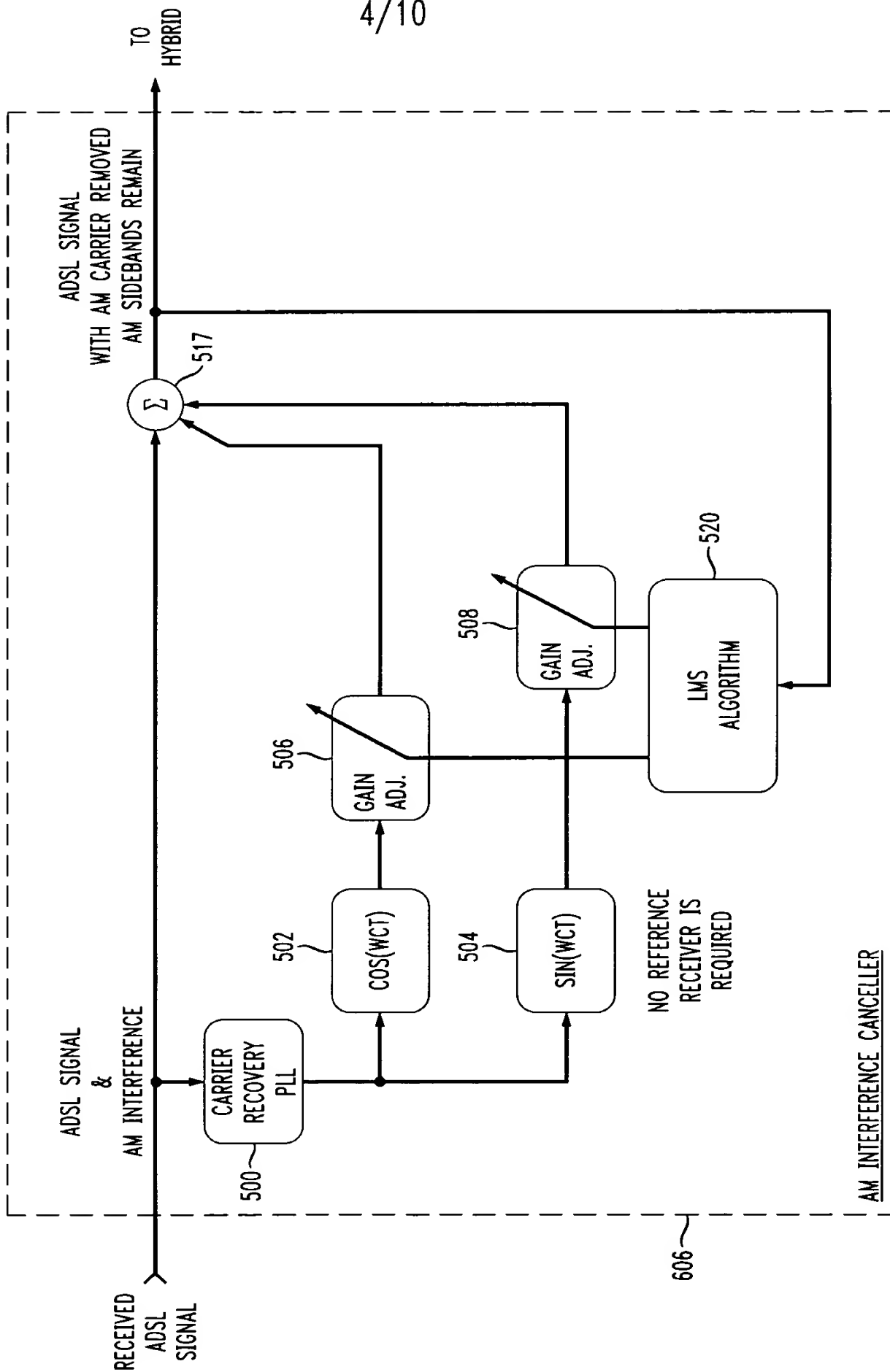


FIG. 5

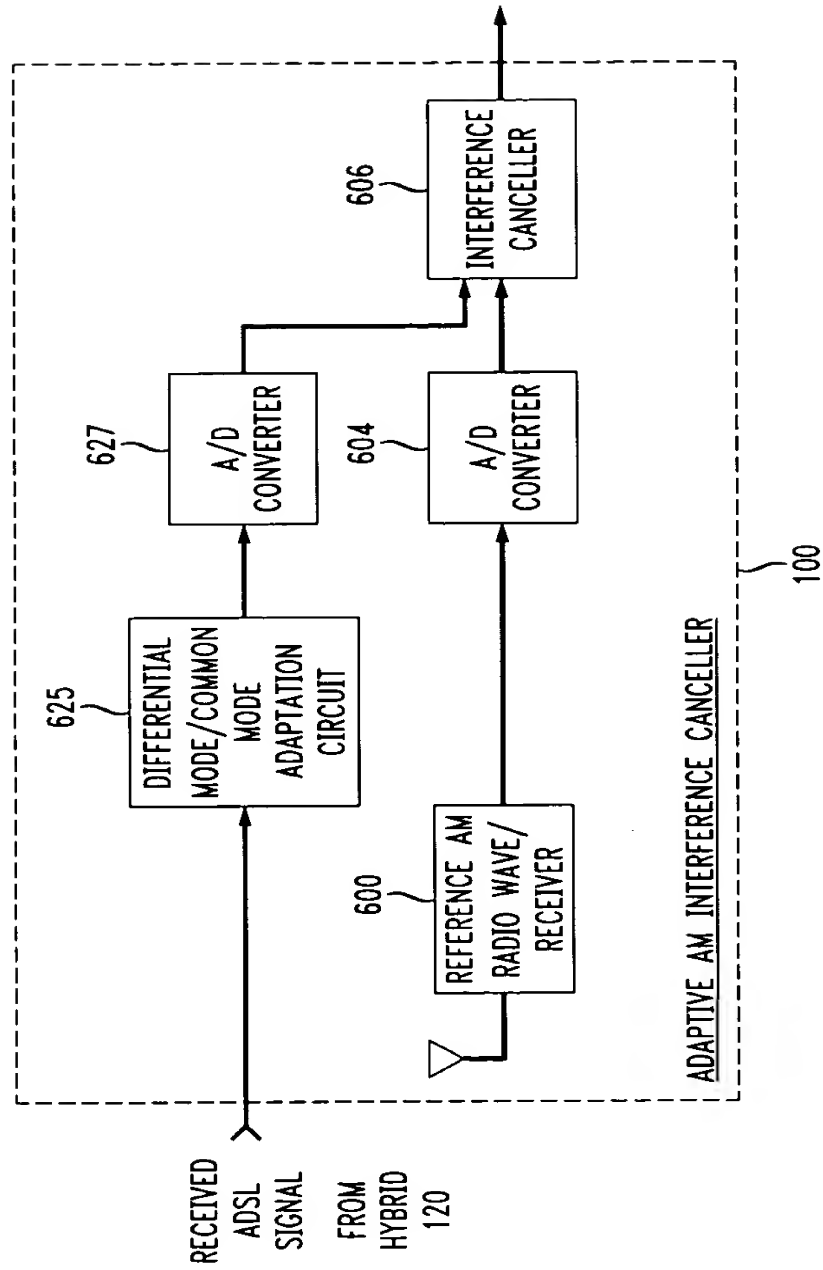
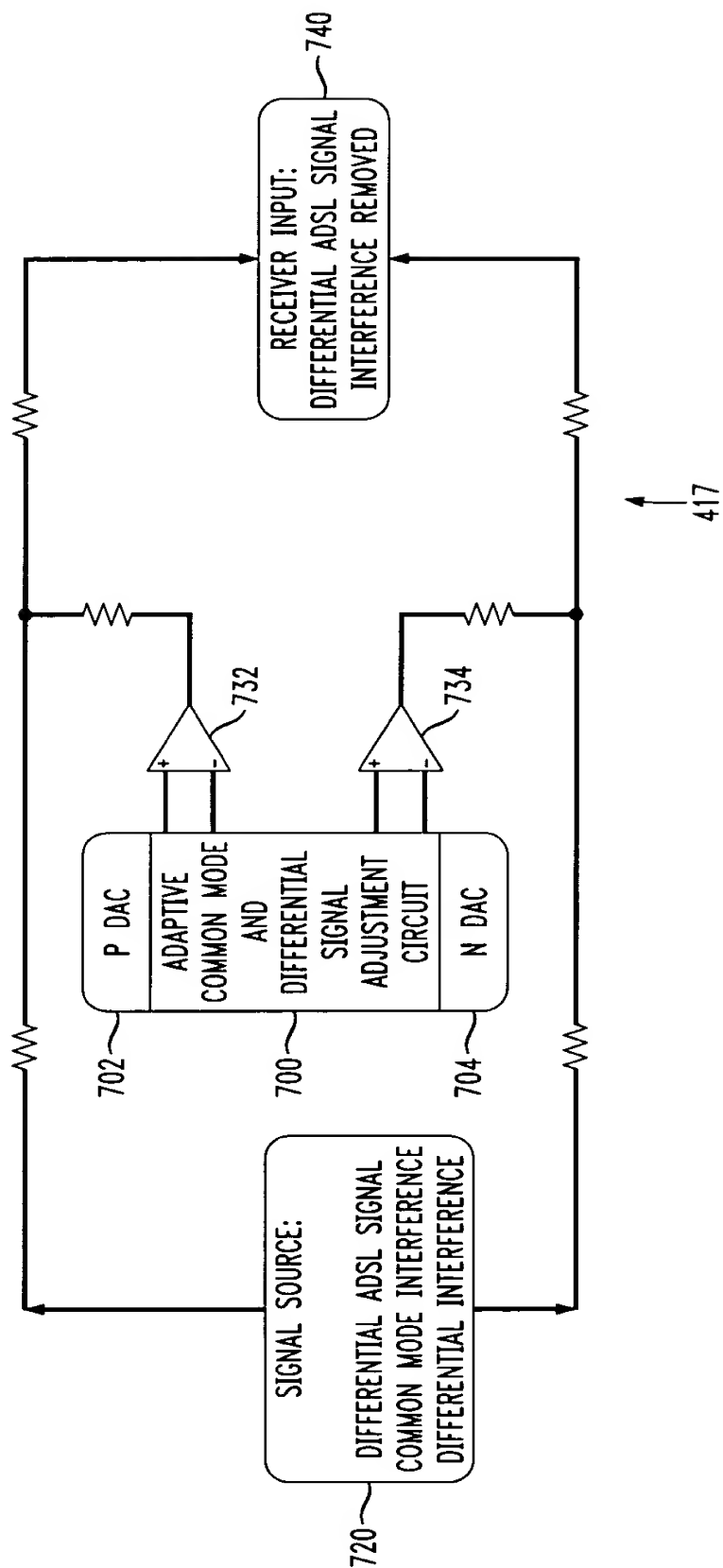


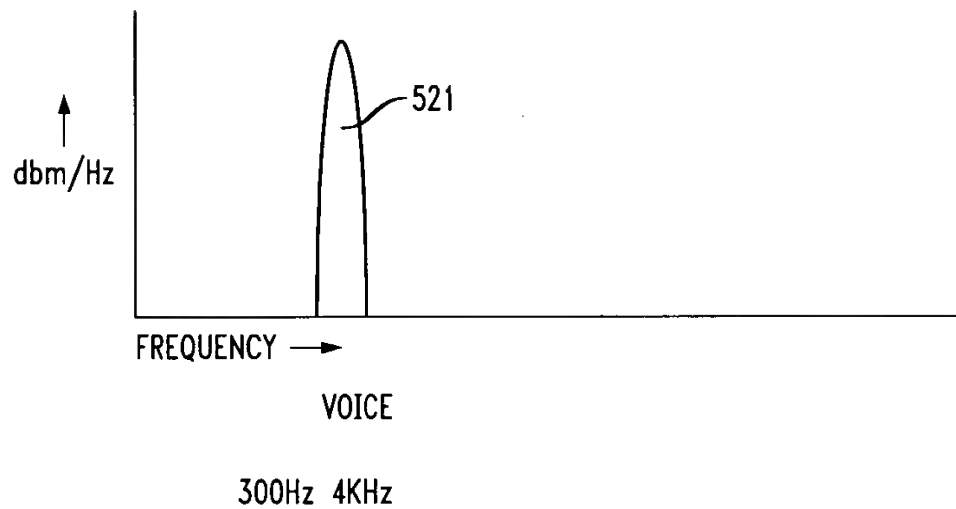
FIG. 6
DIFFERENTIAL MODE/COMMON MODE
ADAPTATION CIRCUIT



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FIG. 7

TRADITIONAL ANALOG BANDWIDTH USAGE

*FIG. 8*

DSL BANDWIDTH USAGE

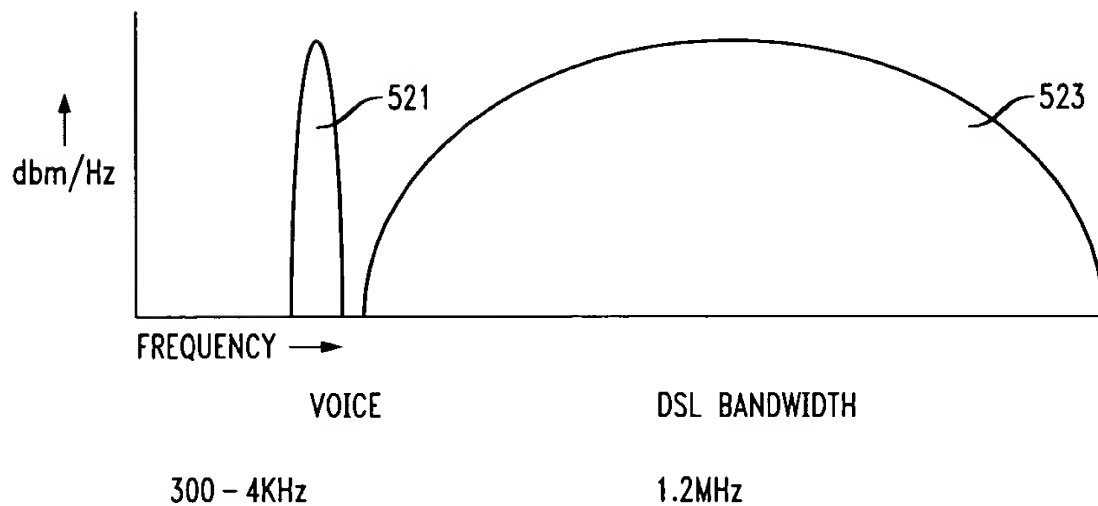
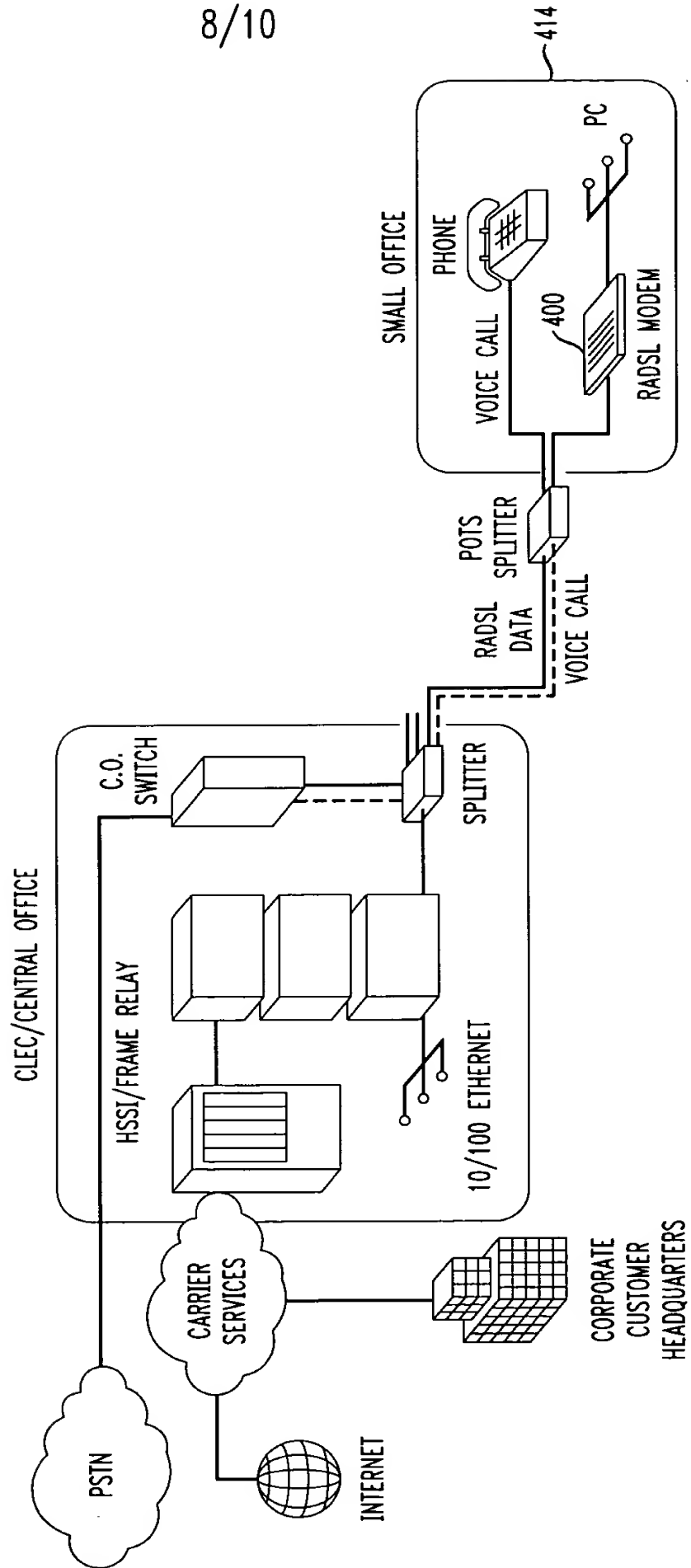


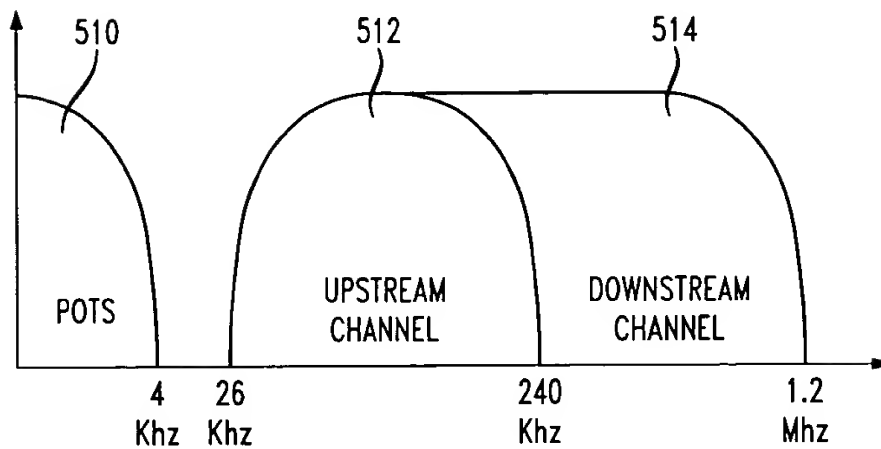
FIG. 9
PRIOR ART



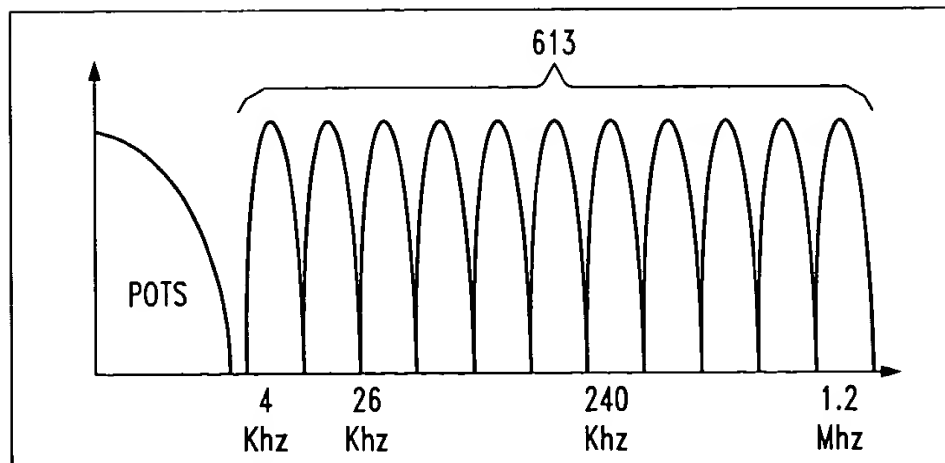
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FIG. 10

SPECTRAL DISTRIBUTION OF RADSL CAP

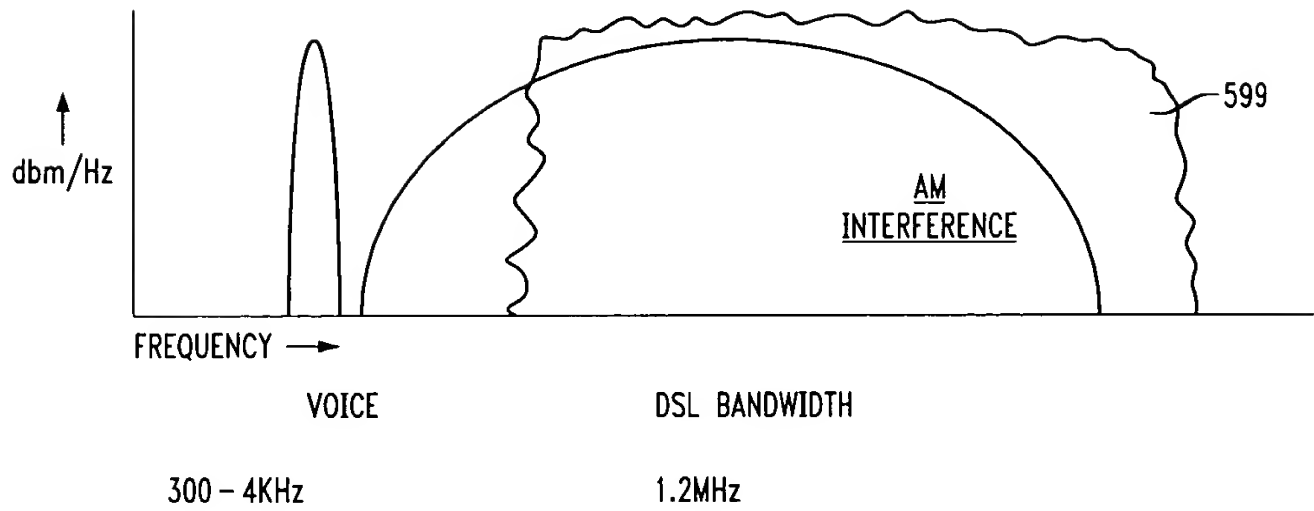
*FIG. 11*

SPECTRAL DISTRIBUTION OF RADSL-DMT



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FIG. 12



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